User Manual
Mobile Navigator
Symbian Edition

English (UK)

May 2009

Table of Contents

1 Introduction

1.1 About This Manual

1.1.1 Arrangement

If you are looking for specific information or the explanation of a specific term, you can refer to the following sections in the manual:

▸ From page 50 in the Glossary you will find an explanation of the specialist terms and abbreviations used in this manual.

▸ As of page 52 in the Index you will find page references.

1.1.2 Conventions

For better legibility and clarification, the following styles are used in this manual:

Bold and italic:	Registered names, company and product descriptions.
SMALL CAPITALS:	Window and dialogue box titles.
Bold:	Descriptions of buttons, input fields and other elements in the user interface.
[ ]:	Description of a key on the mobile telephone, e.g. [OK].
< >:	Description of software, the function of which is displayed in the bottom line of the display, e.g. <**Options**>.

1.1.3 Symbols

The following symbols refer to specific passages of text:

  Notes and tips on operating the software

  More detailed information and explanations

  Warning information

1.2 Legal Notice

1.2.1 Warranty

The software and documentation are subject to change without notice. NAVIGON AG is not liable for the correctness of the information contained in this manual or for damages resulting from the use of this manual.

To improve the quality of our products and services we appreciate all suggestions for improvement and notification of error.

1.2.2 Trademarks

All brands and trademarks mentioned in this document are possibly registered by third parties and are subject to the current legislation and to the rights of their respective owners without reservation. All mentioned names of products, societies, or brands may be registered trademarks of their respective owners. Every right that is not explicitly accorded is reserved.

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▸ Windows and ActiveSync are registered trademarks of the Microsoft Corporation.

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1.3 Customer Service

You have a question concerning your product? Please visit our website www.navigon.com.

2 Before You Start

2.1 Starting the Navigation Software

The procedure for starting the software can vary depending on the type of mobile phone. Refer to your mobile telephone's user manual for more information.

2.2 Two Modes of Operation

Mobile Navigator may be operated in two different modes.

2.2.1 Test Mode

You may operate *Mobile Navigator* in a test mode for 30 days. During this period, the software may be used without restriction and with all available maps. This gives you the opportunity to assure yourself of the capability of the navigation software.

2.2.2 Full Version

You will use the full version as soon as you have activated the software.

For further information on acquiring the full version refer to "Acquiring the Full Version", page 8.

2.3 Working with the Test Version

If the 30 days test period has not expired yet the software will start in test mode.

Note: Even after the test period has expired you can still work with the test version. You can no longer use it to navigate, but you can still have it show you any position on the map.

2.4 Acquiring the Full Version

Carry out the following steps to acquire the full version:

1. Press the **<Options>** softkey and select **Activation** in the main window.

2. Press the **<Options>** softkey and select **Buy maps**.

   The browser of the mobile phone opens.

Note: You may be prompted to select an internet access point. Which access point you must select depends on your mobile phone service provider. Please get the relevant information there.

3. Please select which map you want to be activated with the full version.

4. Indicate the payment method.

5. Provide the required personal data.

6. Activate the **Continue** button.

Within a few seconds you will receive an activation SMS. This will automatically activate the full version of the navigation software, along with the required map.

You will as well receive an email with the serial number to the email address you have provided during the acquisition procedure.

In case the automatic activation fails, please proceed as indicated in "Activation", page 9.

2.5   Activation

You may as well activate manually the full version of the navigation software (or additional maps). This may be necessary if the automatic activation via SMS had failed, or if you have reinstalled the navigation software on a different storage card.

1. Start the navigation software on the mobile phone.
2. Press the **<Options>** softkey and select **Activation** in the main window.
3. Press the **<Options>** softkey and select **Enter serial number**.
4. Enter the serial number you have received by SMS and by email.
5. Press the **<OK>** softkey.

Note: You may be prompted to select an internet access point. Which access point you must select depends on your mobile phone service provider. Please get the relevant information there.

A dialog box will inform you on the successful activation.

The **MAIN WINDOW** of the navigation software opens.

2.6   Installing the Software

The software needs not to be installed on the mobile phone. It may be started from the storage card.

Note: We recommend using memory cards with at least 512 MB storage capacity. To use the map of Europe you need a memory card with at least 4 GB.

Proceed as follows:

1. Insert a memory card suitable for your mobile phone into the card reader of your PC.

    - OR -

    Insert a suitable memory card into the mobile phone.
2. Insert the *Mobile Navigator* DVD into your DVD drive.

    The *Installer Tool* will start automatically.

    - OR -

    Double-click on the file "Setup.exe" from the download.
3. Select the language you want to use.
4. Click on **Installation**.

5. Make sure that the card reader is connected to the PC.

    - OR -

    Connect the mobile phone to the PC.

6. Select the memory card drive.

7. Follow the instructions on the screen.

Note: If you have already acquired the full version of the software, you will have to activate the copy on the new storage card. Proceed as described in "Activation", page 9.

Note: If a DVD with navigation software was not supplied with your mobile phone, you can download the software and / or navigation maps from our website www.navigon.com/mn7.

2.7 Connecting the GPS Receiver

2.7.1 Integrated GPS Receiver

If a GPS receiver is integrated into your mobile phone, use it for navigation. Refer to your mobile phone's user manual for information on activating the integrated GPS receiver.

In order to enable the best possible GPS reception, the mobile phone should be placed in an appropriate holder near the windscreen.

2.7.2 External GPS Receiver

You need a Bluetooth enabled GPS receiver which supports the NMEA protocol if your mobile phone has no integrated GPS receiver, or if the integrated GPS receiver is out of service.

1. Switch on the GPS receiver.

2. Affix the GPS receiver flat on the dashboard - as close as possible to the windscreen.

As soon as *Mobile Navigator* requires GPS data a Bluetooth connection is made with the GPS receiver.

If the GPS receiver is not detected a dialogue opens. Here you can specify / search for the GPS receiver. (Refer also to "GPS", page 48)

Refer to the device manual of your GPS receiver for more information.

Note: The GPS reception can be affected if you have a heated or metal-evaporated windscreen. If necessary, use an external aerial. You can purchase an external aerial from our support team, via our online shop or from a specialized dealer.

2.8 Installing the Hardware in a Vehicle

Telephone Cradle

To safely operate the navigation system in a vehicle we recommend you use a special cradle for your mobile telephone. This way you can ensure that the display is always easy to see and that the driving instructions of the navigation system are easy to understand.
You can purchase a special cradle for your mobile telephone from a specialized dealer.

2.9 Telephone Power Supply

It is recommended that you connect your mobile telephone to an external power supply, especially when driving long journeys.

From specialist dealers you can obtain cigarette lighter charger cables for virtually all mobile telephones. This cable is also often available online from the manufacturer of your mobile telephone.

If you want to power several devices from your vehicle's cigarette lighter, then use a multiple adapter that can be purchased from specialist dealers.

2.10 Supplying Power to an External GPS Receiver

It is recommended to connect an external GPS receiver to an external power source, especially for longer trips.

From specialist dealers you can obtain cigarette lighter charger cables for virtually all GPS receivers. This cable is also often available online from the manufacturer of your mobile telephone.

If you want to power several devices from your vehicle's cigarette lighter, then use a multiple adapter that can be purchased from specialist dealers.

2.11 Navigating with GPS

GPS is based on a total of 24 satellites that circle the earth and, in doing so, are constantly transmitting their position and their time. The GPS receiver receives this data and calculates its own geographical position from the various position and time information broadcast by the different satellites.

For a sufficient, precise positioning it is necessary to obtain the data from at least three satellites. If you have the data from 4 or more satellites the altitude above sea level can also be ascertained. The positioning is precise up to 3 meters.

If **Mobile Navigator** has determined your position, this position can be used as a starting point for a route calculation.

The map material includes the geographical coordinates of all digitally recorded points of interest, streets and places. From this the navigation system can calculate a route from a starting point to a destination.

The calculation of the current position and its representation on the map takes place once every second. So you can see where you are on the map.

2.12 Important Safety Information

It is in your own interest to read the following safety information and warnings carefully before you start up your navigation system.

2.12.1 Navigation Safety Information

Use of the navigation system is executed at your own risk.

Caution! To protect yourself and others from accidents please do not operate the navigation system while driving!

Caution! Do not look at the display unless it is absolutely safe to do so!

Caution! The rules of the road and traffic signs must be obeyed prior to following instructions from the navigation system.

Caution! Do not follow the instructions of the navigation system unless circumstances and the road traffic regulations allow you to do so! The navigation system will automatically reroute you to your destination when you have gone off course.

Note: If you have not understood the speech instructions or if you are unsure what you should do at the next crossroads, you can use the map or arrow view to orientate quickly.

2.12.2 Safety Information for External GPS receivers

Caution! After installation, check all the safety-relevant facilities in the vehicle.

Caution! Attach the GPS receiver in such a way that you can still drive safely.

2.12.3 Safety Information on Installation into the Vehicle

⚠️ **Caution!** Make sure you do not attach the cradle for the mobile telephone or for the GPS receiver in the functioning area of the airbag.

⚠️ **Caution!** When you install the cradle, please check that it does not constitute any safety risk, even in case of an accident.

3 Operating the Navigation Software

3.1 Mobile Telephone Operating Elements

Soft keys

The right and left soft keys are located directly beneath the display. These soft keys perform the functions that are specified directly above them in the display.

Navigation keys

The navigation keys can be used to perform the [Up], [Down], [To the right] and [To the left] functions. The navigation keys can also be designed as a four-way directional pad, as a mini joystick or as a trackball.

OK key

Executes the function of the selected element.

The Navigation keys and the OK key may also be designed as a trackball or as a joystick. Refer to your mobile telephone's user manual for more detailed information.

3.2   Operating the Software

3.2.1   Highlighting and Activating

Highlight

On each *Mobile Navigator* window a button or input field is highlighted. This element has the focus. Using the navigation keys you can move the focus to a different element on the user interface. The highlighted element is the element with the focus.

Activate

To activate the button with the focus, press the [OK] key of your mobile telephone.

3.2.2   Options

Some windows offer options that include further functions.

Press the left soft key **<Options>** in order to open the list of options.

Select

Use the navigation keys to select an option.

Press the [OK] key or the left soft key **<Select>** in order to execute the selected option.

To close the list of options without executing an option press the right soft key **<Cancel>**.

3.2.3   Data Input

If text or number input is required a cursor appears in an entry field on the display.

You can make all the entries using your mobile telephone keyboard.

As, when making entries in *Mobile Navigator*, it concerns almost exclusively numbers or proper names, the T9 functionality of your mobile telephone is deactivated. However, as soon as you close *Mobile Navigator*, the keyboard returns to the state it was in prior to launching the navigation software.

Characters

As usual, each character key has several characters assigned to it. Press a key until the desired character appears. (E.g. to enter "s" you need to press the "PQRS" key four times)

Numbers

You can enter numbers by pressing on the respective key of your mobile telephone until the number appears or keeping the key pressed until the figure appears.

Spaces, uppercase letters, special characters

How you enter spaces, uppercase letters or special characters very much depends on your mobile telephone. Refer to your mobile telephone's user manual for more information.

When entering place or street names you do not have to differentiate between upper- and lowercase letters. You also do not have to enter any special characters or umlauts. *Mobile Navigator* will find the place or the street even if you enter basic characters. If, for example, you are searching for "München", then simply type in "munchen".

Special characters or umlauts can of course be useful when naming destinations or routes that are to be saved.

Deleting characters

The character directly in front of the cursor can be deleted by pressing the [C] key.

Moving the cursor

If you wish to delete a character other than the last one or would like to insert a character in a part other than right at the end of the text, then you must move the cursor to the respective position. The position of the cursor in the entry field can be changed with the [To the left] and [To the right] keys.
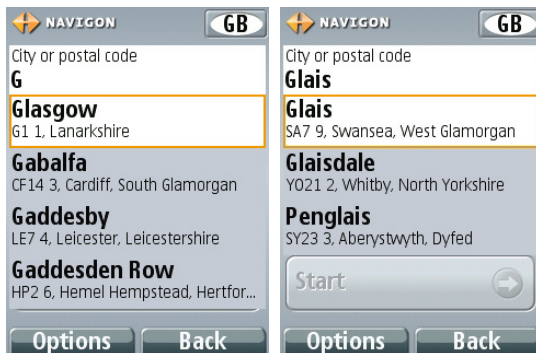
3.2.4   Lists

If you are entering letters and pause, lists will appear from which you can select an entry. This is the case, for example, when you enter a location.

If you wait a moment after entering the first letter, the largest town which begins with this letter in the country in question will appear.

If you wait a moment after entering more letters, a list will appear with all the locations which begin with the letters you have entered so far.

If more than 10 entries are found, the entry **More...** is shown at the end of the list. Select this entry in order to display more entries.

As you enter other characters, the list changes respectively. It only includes entries that begin with the specified text. The more characters you enter, the shorter the list becomes.

If a street name or name of a point of interest consists of several words, you can enter just the start of each of these words. For example, to search for e.g. "Charles Haller Street" you can make an entry that starts both with "CHA…" as well as "HAL…".

In the case of town names that consist of several words, you can only enter the first letters of the first word.

Then an entry in the list must be accepted by selecting it and then pressing the [OK] key.

The focus then moves to the next operating element of the window.

If the next operating element is again an entry field, then the cursor in this field flashes and you can then enter the respective data.

3.2.5   Information

Symbols located at the top of the screen are used to display information.

Traffic Information (TMC)

If you have subscribed to the **Traffic** premium service, the navigation system will have access to the latest traffic messages. If necessary it can change your route dynamically, for example in order to avoid a traffic jam.

The **TMC** symbol can display the following TMC reception status:

No Symbol: The **Traffic** function is deactivated. (Refer to "Configuring Mobile Navigator" on page 46)

Cannot connect: The **Traffic** function is activated but no data have been called yet from the server.

Maybe an error occurred while the data were being called. This can be the case if you have not subscribed to the **Traffic** premium service or if no mobile phone reception is possible at the moment (e.g. in a tunnel).

TMC on Standby: Traffic messages can be received. No errors occurred while the data were being called from the server.

The **Traffic** service is described in the chapter "Traffic Information (TMC)" on page 44.

Note: Read the information concerning the costs of data traffic at the beginning of the chapter "Services" on page 42.

GPS

The **GPS** icon can display the following states of the GPS reception:

No GPS: The internal GPS receiver is deactivated or out of service; or no external GPS receiver is connected to the mobile phone.

No Signal: The data is being received from less than three satellites. The position cannot be calculated.

GPS ready: The data is being received from at least three satellites. The position can be calculated.

Refer to chapter "GPS/current position" page 41 for detailed information regarding the GPS status.

Energy

The **Energy** icon can display the following states of the built-in battery:

The device is being supplied by an external power source. The battery is being charged.

The device is being supplied by its internal battery. The battery is insufficiently charged.

The device is being supplied by its internal battery. The battery charge is too weak.

Received position

If you are receiving an SMS with positioning data, a small envelope appears in the top right corner of the display alongside the **GPS** icon. It remains visible there until you open the **RECEIVED POSITION** list (refer to page 27).

If, when receiving an SMS with positioning data, the navigation software is not open, then it will open automatically.

4   Navigation

4.1   General Information on Navigation

4.1.1   Safety and Other Information

Use of the navigation system is executed at your own risk.

Caution! To protect yourself and others from accidents please do not operate the navigation system while driving!

Caution! Do not look at the display unless it is absolutely safe to do so!

Caution! The rules of the road and traffic signs must be obeyed prior to following instructions from the navigation system.

Caution! Do not follow the instructions of the navigation system unless circumstances and the road traffic regulations allow you to do so! The navigation system will automatically reroute you to your destination when you have gone off course.

Obstructed GPS reception

If the GPS is reception is obstructed, or if you switch off the GPS receiver before you reach the destination, the navigation will stop. However, the navigation software remains open.

As soon as the GPS receiver is ready to function again, the navigation system notices if your position has since changed and automatically recalculates the route. You can simply continue navigation.

Quitting navigation

If you quit the navigation prior to reaching your destination, the **MAIN MENU** opens. You can then enter a different destination. You can also resume navigation to the original destination by choosing it from the **LAST DESTINATIONS** list.

Reaching the destination

The system makes an announcement when you have reached your destination.

Only your current position (orange arrow) is shown on the map.

Exit Mobile Navigator

If you wan to exit the navigation software, press **<Exit>** on the **MAIN MENU**.

4.2   Starting Mobile Navigator

1. Switch on your mobile telephone.
2. Start the *Mobile Navigator* software.

The procedure for starting the software depends on your make of telephone. Refer to your mobile telephone's user manual for more information.

Each time you start the navigation software, the following information appears:

"Please note that the road traffic regulations take priority over the instructions of the navigation system. Please do not operate the device while driving."

1. When you have read the text completely, press **<OK>**.
2. If you do not wish to accept this information, press **<Exit>** in order to close the navigation software.

    The **MAIN MENU** opens.

    If the GPS receiver is connected to the mobile telephone, you will see the **GPS** icon in the top right corner of the display.

4.2.1   Initializing the GPS Receiver

Connecting the GPS receiver is described in "Connecting the GPS Receiver", page 10.

Note: It can take up to 20 minutes to initialize the GPS receiver for the first time. Each time you switch on the receiver after this, the GPS reception will start within one minute. If the GPS receiver has been switched off for over a week, the next initialization can take up to 10 minutes.

As soon as the GPS receiver is switched on it starts initializing.

As soon as the navigation software receives data from a GPS receiver, the **GPS** icon may be seen in the upper right corner of the screen. It can display three different states:

No GPS: The internal GPS receiver is deactivated or out of service; or no external GPS receiver is connected to the mobile phone.

No Signal: The data is being received from less than three satellites. The position cannot be calculated.

GPS ready: The data is being received from at least three satellites. The position can be calculated.

Within 15 seconds the **GPS** icon changes to **No Signal**.

As soon as the data is being received from at least 3 satellites, the **GPS** icon changes to **GPS ready**.

Note: If the **GPS** icon displays the **GPS ready** status after considerably less than 20 minutes, then it is best to wait for at least a further 15 minutes so as to guarantee reliable operation of the receiver.

Caution! If you have connected an external GPS receiver to the cigarette lighter for power supply, remove the connector before leaving the vehicle standing for a long period of time.

As the GPS receiver requires a constant supply of power, it could drain the vehicle's battery.

Find detailed information

▸   on an external GPS receiver in the GPS receiver's user manual.

▸   on an internal GPS receiver in the mobile phone's user manual.

4.2.2   Main menu

You can access all the functions of the navigation software from the **MAIN MENU**.

Opening the Main Screen

If a different window is open you can always easily return to the main window.

1. Press the **<Options>** soft key.
2. Select **Main menu**.

4.3   Speed profile

First enter the mode of transport you wish to use for the journey or if you want to go on foot, and then enter how you want the route to be calculated.

1. Open the **MAIN MENU** (refer to page 21).
2. Press **<Options>** and select **Settings**.

    The **SETTINGS** window opens. You can use the [Up] and [Down] navigation keys to scroll in the list of settings.
3. Actuate the **Navigation** button.
4. Select **Pedestrian route**, **Bike**, **Car** or **Lorry**.
5. Select the desired settings in the other boxes. (Refer to "Navigation" on page 47)
6. Press **<Options>** and select **Main menu**.

Note: Once you have entered the destination, you can no longer change the route profile. Before you enter the destination it is important therefore to make sure that you have made the settings you want.

4.4   Specifying a Destination

4.4.1   Specifying Destination Country

You can only search for places and points of interest within a specific country.

The country is indicated on the **Country** button in the top right corner of the display.

1. If the location or point of interest is located in a different country, then activate the **Country** button.

    All the countries that the current map includes are listed beneath the **Country** button.

2. Highlight the country in which the destination is located.

3. Press [OK].

4.4.2   Destination Address

Note: Names of cities and streets in countries with Cyrillic letters (Bulgaria, FYR Macedonia, Serbia, Ukraine, Belarus) are stored in the map using only Latin letters.

1. In the **MAIN MENU** activate the **Navigation** button.

2. Activate the **Navigate to** button.

   The **NAVIGATE TO** window opens.

   The **City or postal code** entry field is highlighted, and the cursor can be seen inside it.

Note: Also ensure that the country in which your destination is located is specified on the **Country** button. (Refer to "Specifying Destination Country" page 21)

3. Enter the destination in the **City or postal code** field. You can enter either the postcode or the name.

4. Enter the name of the destination street in the **Street** field.

5. Enter the house number in the **No.** field. If you do not know the house number, then leave this field empty.

6. If you do not know the house number, but you do know the name of an intersecting road in its vicinity, then enter this name in the **Crossroad** field. *Mobile Navigator* then calculates a route to the intersection of both specified roads.

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

▸ **Weather info** in order to display the current weather and a weather forecast for the selected location. (Refer to "Weather info" on page 43)

4.4.3 Points of Interest

Points **o**f **I**nterest, also known as POI, are included in the map server's database. It concerns addresses or points on the map that are categorized according to specific criteria.

Included as points of interest are airports and harbors, restaurants, hotels, petrol stations, public facilities, doctors, hospitals, shopping centers and others.

Points of interest are marked on the map by means of a symbol and can also be specified as a destination for the navigation.

Points of Interest Nearby

Points of interest nearby are points of interest that are located within a specific radius of your current location. This way you can, for example, always find the next petrol station with ease, irrespective of your location.

Note: Points of interest nearby can only be specified if a GPS receiver is connected and the GPS reception is sufficient for positioning.

1. In the **MAIN MENU** activate the **Navigation** button.
2. Activate the **Point of interest** button.
3. Activate the **nearby** button.

   The **POI NEARBY** window opens.

   The **Category** field is highlighted.

4. Use the [To the right] and [To the left] keys, in order to specify the category from which you want to find a point of interest.
5. Press [OK].

   The **Sub category** field is highlighted.

6. Use the [To the right] and [To the left] keys in order to specify a subcategory. If you do not want to define a subcategory specify **All categories**.
7. Press [OK].

   The cursor flashes in the **POI/Name** field.

8. If you know the name of the point of interest (e.g. the name of a restaurant), then you can enter this name either in whole or in part in the **POI/Name** field. In this case, specify **All categories** as category and subcategory.
9. If you do not know the name, then leave this field empty.
10. Press [OK].

    All the destinations of the specified category / subcategory that are located in your current location are listed under the **POI/Name** field.

11. Highlight the destination to which you wish to navigate.

12. Press [OK].

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

▸ **Weather info** in order to display the current weather and a weather forecast for the selected location. (Refer to "Weather info" on page 43)

Points of Interest of Nationwide Significance

Points of interest of nationwide significance are airports, attractions and monuments of national significance, large harbors and the like.

1. In the **MAIN MENU** activate the **Navigation** button.

2. Activate the **Point of interest** button.

3. Activate the **nationwide** button.

    The **POI OF NATIONAL SIGNIFICANCE** window opens.

    The **Category** field is highlighted.

Note: Also ensure that the country in which your destination is located is specified on the **Country** button. (Refer to "Specifying Destination Country" page 21)

4. Use the [To the right] and [To the right] keys, in order to specify the category from which you want to find a point of interest.

5. Press [OK].

    The cursor flashes in the **POI/Name** field.

6. Enter the name of the point of interest either in whole or in part.

7. Press [OK].

    All the destinations of the specified category their names of which start or include the entered characters are listed under the **POI/Name** field.

8. Highlight the destination to which you wish to navigate.

9. Press [OK].

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

▸ **Weather info** in order to display the current weather and a weather forecast for the selected location. (Refer to "Weather info" on page 43)

Points of Interest in a Specific City

Points of interest in a specific city can be useful when navigating in an unknown city.

1. In the **MAIN MENU** activate the **Navigation** button.
2. Activate the **Point of interest** button.
3. Activate the **in a town** button.

   The **POI IN A CITY** window opens.

   The cursor flashes in the **City or postal code** field.

Note: Also ensure that the country in which your destination is located is specified on the **Country** button. (Refer to "Specifying Destination Country" page 21)

4. Enter the name or the post code of the location.
5. Press [OK].

   The **Category** field is selected.

6. Use the [To the right] and [To the right] keys, in order to specify the category from which you want to find a point of interest.
7. Press [OK].

   The **Sub category** field is selected.

8. Use the [To the right] and [To the right] keys in order to specify a subcategory. If you do not want to define a subcategory specify **All categories**.
9. Press [OK].

   The cursor flashes in the **POI/Name** field.

10. If you know the name of the point of interest (e.g. the name of a restaurant), then you can enter this name either in whole or in part in the **POI/Name** field. In this case, specify **All categories** as category and subcategory.

11. If you do not know the name, then leave this field empty.
12. Press [OK].

   All the destinations of the specified category / subcategory that are located in the specified location are listed under the **POI/Name** field.

13. Select the destination to which you wish to navigate.
14. Press [OK].

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

▸ **Weather info** in order to display the current weather and a weather forecast for the selected location. (Refer to "Weather info" on page 43)

4.5 Selecting a Saved Destination

The following lists of destinations and addresses are available for selection from **My destinations** in *Mobile Navigator*:

▸ **FAVOURITES**: all the destinations that you have saved in *Mobile Navigator*.

▸ **LAST DESTINATIONS**: all the destinations to which you have already navigated before.

▸ **CONTACTS**: all the addresses from the mobile phone's contact list.

▸ **RECEIVED POSITION**: all the destinations that were sent to you from *Mobile Navigator* on another user's mobile phone.

4.5.1 Last destinations

Mobile Navigator saves the last 20 destination to which you have launched navigation, in the **LAST DESTINATIONS** list. You can select these destinations quickly as navigation destinations and without repeating the already entered data.

1. In the **MAIN MENU** activate the **My destinations** button.
2. Activate the **Last destinations** button.

   The **LAST DESTINATIONS** window opens.

3. Highlight the destination to which you wish to navigate.
4. Press [OK].

The route is calculated. When the calculation is concluded, the map is shown.

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

▸ **Delete**, to delete the highlighted destination from the **LAST DESTINATIONS** list.

4.5.2 Favourites

Destinations to which you want to drive frequently can be saved in the **FAVOURITES** list. You can select these destinations quickly as navigation destinations and without repeating the already entered data.

1. In the **MAIN MENU** activate the **My destinations** button.
2. Activate the **Favourites** button.

The **FAVOURITES** window opens.

3. Highlight the destination to which you wish to navigate.
4. Press [OK].

The route is calculated. When the calculation is concluded, the map is shown.

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Delete**, to delete the highlighted destination from the **FAVOURITES** list.

4.5.3 Contacts

Contacts from your mobile phone's contacts list whose address you have saved can be selected as destination quickly and without repeating the entry of the address details.

1. In the **MAIN MENU** activate the **My destinations** button.
2. Activate the **Contacts** button.

   The **CONTACTS** list opens. It contains only those contacts whose address you have saved.
3. Mark the contact to which you wish to navigate.
4. Press [OK].
5. The saved address of the selected contact displays.

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map** in order to show the destination on the map

▸ **Save destination** in order to save the destination in the **FAVOURITES** list

▸ **Weather info** in order to display the current weather and a weather forecast for the selected location. (Refer to "Weather info" on page 43)

4.5.4   Using Destination Data from Received SMS

Note: You can only use data from SMS that has been sent to you from the mobile telephone of a different *Mobile Navigator* user.

1. In the **MAIN MENU** activate the **My destinations** button.
2. Activate the **Received pos.** button.

   The **RECEIVED POSITION** window opens.
3. Highlight the SMS with the destination to which you wish to navigate.
4. Press [OK].

   The route is calculated. When the calculation is concluded, the map is shown.

Refer to chapter "Starting Navigation" on page 29 for information on how to start navigating. Please read on there.

Press the **<Options>** softkey and select

▸ **Show map**, in order to show the destination on the map

▸ **Save destination**, in order to save the destination in the **FAVOURITES** list

‣ **Delete**, to delete the highlighted destination from the **RECEIVED POSITION** list.

4.6   Navigating Home

In *Mobile Navigator* you can save one address as a home address. The navigation to this address can take place at any time by pressing just one button.

Refer to chapter "My address" on page 49 for information on entering your address.

1. Actuate the **Navigation** button in the main window

2. Actuate the **Take me home** button.

    The route is calculated. When the calculation is concluded, the map is shown.

    If the home address hasn't yet been entered, a window opens with an appropriate message.

2a Press **<Options>** and select **Define** in order to enter your home address now

    - or -

2b Press **<Back>** in order to return to the **MAIN MENU**.

4.7   Starting Navigation

If you have selected a saved destination (refer to "Selecting a Saved Destination", page 26) or have pressed the **Take me home** button in the **MAIN WINDOW** (refer to "Navigating Home", page 29), the route will be calculated automatically and the map opened.

If you have specified a new destination (refer to "Specifying a Destination", page 21), activate the **Start** button. The route is calculated. The map is then shown in navigation mode and you can start your journey.

The triangle in orange represents your current location. The route is highlighted in orange.

Note: The calculation of the route uses a so-called route profile as a basis.

Refer to chapter "Navigation" on page 47 for information on changing the route profile.

No GPS Reception?

If no sufficient GPS signal is being received, the message "Waiting for valid GPS position..." appears.

You have the following options:

▸ Wait until the GPS reception is sufficient. Navigation then commences automatically.

▸ Press **<Cancel>**. The **MAIN MENU** opens. Your destination is saved in the **LAST DESTINATIONS** list.

5 Working with the Map

5.1 Selecting a Map

Additional maps can be found on the product DVD. If you want to use one of these maps, copy it to the memory card in your mobile phone..

Note: If a DVD with navigation software was not supplied with your mobile phone, you can download the software and / or navigation maps from our website www.navigon.com/mn7.

Note: During the test period, you may use any of the maps without restriction. Once you have activated the software, you may only use the map that you have acquired (including all smaller maps that are covered by it, i.e. if you have acquired the 'Europe' map, you may as well use the 'D-A-CH' map).

Note: We recommend using memory cards with at least 512 MB storage capacity. To use the map of Europe you need a memory card with at least 4 GB.

Proceed as follows:

1. Insert a memory card suitable for your mobile phone into the card reader of your PC.

   - OR -

   Insert a suitable memory card into the mobile phone.

2. Insert the *Mobile Navigator* DVD into your DVD drive.

   The *Installer Tool* will start automatically.

   - OR -

   Double-click on the file "Setup.exe" from the download.

3. Select the language you want to use.

4. Click on **Installation**.

5. Make sure that the card reader is connected to the PC.

   - OR -

   Connect the mobile phone to the PC.

6. Select the memory card drive.

7. Follow the instructions on the screen.

8. Start the navigation software on the mobile phone.

Note: If you want to use a map you had not activated yet, you will have to activate it now. Find detailed information in the next chapter.

9. In the **GENERAL** settings screen, go to the **Map** item and select the new map. (Refer to "General" page 47)

5.2 Activating an additional Map

If you have activated the software with the 'Europe' map, then all the other maps covering European regions are activated as well.

If you have activated a map covering a part of Europe and want to use another map now, you will have to activate that map before.

1. Press the **<Options>** softkey and select **Activation** in the main window.

   A window opens showing all the maps which you have already activated.

2. Press the **<Options>** softkey and select **Buy additional maps**.

3. Press the **<Continue>** softkey.

   The browser of the mobile phone will open.

Note: You may be prompted to select an internet access point. Which access point you must select depends on your mobile phone service provider. Please get the relevant information there.

4. Select the map you want to be activated.

5. Indicate the payment method.

6. Provide the required personal data.

7. Activate the **Continue** button.

Within a few seconds you will receive an activation SMS. This will automatically activate the required map.

You will as well receive an email with the serial number to the email address you have provided during the acquisition procedure.

In case the automatic activation fails, please proceed as indicated in "Activation of premium services and additional maps", page 43.

Note: You can also carry out the activation on our website www.navigon.com/mn7.

5.3 Map in Standard mode

The map is always in standard mode when you are not navigating.

Show Current Location on the Map

1. In the **MAIN MENU** activate the **Show map button**.

   The map opens in standard mode.

   A triangle in orange shows your current location on the map.

Press **<Options>** and select

▸ **Save position**, in order to save the data of your current location in the **FAVOURITES** list

▸ **Send position**, in order to send data of your current location per SMS to someone else's mobile telephone upon which *Mobile Navigator* is also installed. In this way, e.g. he can start navigating immediately without having to enter the destination data himself.

Show a New Destination on the Map

1. Specify a new destination as described in chapter "Specifying a Destination" on page 21.

   The destination is highlighted.

2. Press **<Options>** and select **Show map**.

   The map opens in standard mode.

   A red circle identifies the specified destination on the map.

Changing the Map Section

▸ **Pan**: Use the navigation keys [Up], [Down], [To the right] and [To the left] to scroll the map.

▸ **Zoom in**: Press the [1] key. The section shown becomes smaller, but the precision of detail increases.

▸ **Zoom out**: press the [2] key. The section shown becomes larger, but the precision of detail reduces.

▸ **Center position**: Press the [3] key if you have moved the map and want to show the current position or the destination again in the centre of the display.

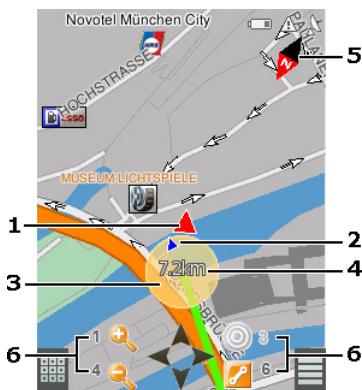# 5.4   Map in Pedestrian mode

Overview

If you are on foot, the guidance provided by navigation systems for vehicles is often unsatisfactory because they "know" only routes which can be taken by motor vehicles. Foot paths, for example through parks, are not recorded in these systems. Furthermore, their software was developed for speeds well above walking pace.

Navigation in **Pedestrian** mode differs from navigation for vehicles. You receive a route suggestion which is calculated on the basis of "known" streets. In addition you are always shown in which direction your destination lies. If you leave the suggested route, for example in order to take an attractive path through a park, you can still see in which direction you have to go.

Please note:

▸   You will not receive any navigation instructions.

▸   The route will not be re-calculated automatically if you depart from the route.

▸   The map does not turn when you change direction. The displayed section of the map does shift however so that your position is always in view at the same point of the screen.

▸   The map is aligned so that your destination is at the top.

▸   You do not receive a message when you arrive at your destination.

View of the map in Pedestrian mode

1   Red triangle: Indicates in which direction your destination lies.

---

2   Blue triangle: Indicates in which direction you are moving.

3   Yellow circle: Indicates your position on the map.

4   Distance to your destination (linear distance)

5   Compass indicates where north is.

6   Presentation of the most important functions:

▸   [Up], [Down], [To the right], [To the left]: You can use these functions to scroll in the map.

If you shift a section of the map, it will no longer change when you move on. In other words you can "walk off" the map. Press the [3] key on your mobile phone if you want the map to follow your movements again.

▸   The other functions are described in the next chapter.

Using the map

All functions that are available during navigation can be executed by means of short cuts. This means that the numerals [0 - 9] on the mobile phone are assigned to particular functions, which can be carried out by pressing the associated button.

Press the left softkey ▦ to see which shortcuts are available.

The **SHORTCUTS** menu opens.

The function assigned to each of the buttons is depicted by a symbol. The key to which the function is assigned is shown in the upper left hand corner.

When you press the assigned key, the function will be carried out without previously having to open the **SHORTCUTS** menu (see next chapter).

The function of the marked button and the key to which it is assigned are shown on the lower edge of the menu.

If you do not carry out a function, the menu closes automatically a few seconds later.

Map shortcuts in Pedestrian mode

Key [1] **Zoom in**: Increases the scale. You see more details but fewer streets.

Key [2] **Day/Night**: Switches between day and night modes.

Key [3] **Centre position**: Shows your current position on the map again if you shifted the map section. Now your position always remains at the same point of the screen, i.e. the map section is shifted when you move.

Key [4] **Zoom out**: Decreases the scale. You see fewer details but more streets.

Key [5] **Recalculate route**: Re-calculates the route. Use this function if you have departed too far from the calculated route and no longer know where you are.

Key [6] **Route overview**: Zooms the map so that the complete route (from the starting point to the destination) is presented on the screen.

Key [7] **Send position**: Initiates the transfer of data pertaining to your current position via SMS.

Key [8] **Quit navigation**: Exits navigation. A dialogue box prompts you to confirm.

Key [9] **GPS status**: Opens the **GPS/CURRENT POSITION** window. Here you can see details regarding GPS reception. (Refer to "GPS/current position" on page 41.)

5.5   Map in Navigation mode

Using the Map

All functions that are available during navigation can be executed by means of shortcuts.

This means that the keys [0 – 9] on your mobile are assigned specific functions that are executed when the respective key is pressed.

Press the left soft key in order to see which shortcuts are available.

The **SHORTCUTS** menu opens.

The associated function on each button is shown by means of a symbol. In the top left corner you can see which key is assigned to the function.

If you press the assigned key, then this function is carried out directly without having to open the **SHORTCUTS** menu first (refer to the next chapter).

The function of the highlighted button and the key that it is assigned to is described along the bottom of the menu.

If you do not execute a function, the menu closes again after a few seconds.

The Shortcuts of the Map in Navigation mode

 Key [1] **Instruction**: Repeats the last spoken driving instruction.

 Key [2] **Mute**: Makes the navigation software mute so that you no longer receive any spoken driving instructions.

Press this button again in order to cancel the muting.

Attention: The mobile telephone itself isn't muted by this function.

Key [3] **Route info**: Toggles during navigation between the display for the estimated arrival time, the remaining driving time and the remaining distance away from the destination.

Key [4] **Day/Night**: Toggles between day and night mode.

Key [5] **Switch view**: Opens the **MAP VIEW** menu. From here you can select a different view.

You can press the navigation keys [To the right] or [To the left] in order to change the view without going via the **MAP VIEW** menu.

Key [6] **Zoom mode**: Enables you to zoom in the map and move the map section shown. (Refer to "Changing the Map Section", page 32)

Key [7] **Send position**: Initiates sending the data of your current location as an SMS.

Key [8] **Traffic**: Calls the latest traffic messages from the server and shows them.

Key [9] **GPS status**: Opens the **GPS/CURRENT POSITION** window. Here you can view details regarding the GPS reception. Refer to chapter "GPS/current position, page 41 for more information.
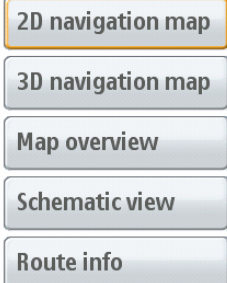
Selecting the View

As soon as the navigation system has calculated the first driving instructions, the map opens in 2D. The size of the map section shown depends on your speed. The slower you drive, the smaller the map detail, but the precision of detail is greater.

During navigation you can select other views – these don't necessarily show a map but are particularly suitable for a specific purpose. There are five different views available. To select a different view, proceed as follows:

1. Press the [5] key.

The **MAP VIEW** menu opens.

2D navigation map

3D navigation map

Map overview

Schematic view

Route info
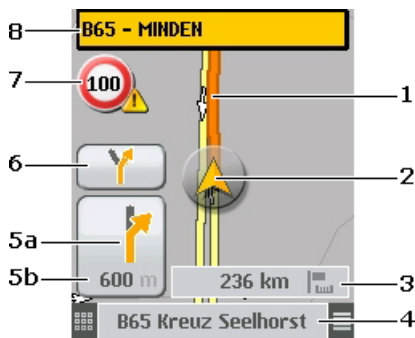
2.   Press the button for the desired view.

Note: To change the view quickly in navigation mode you can also press the navigation keys [To the right] or [To the left].
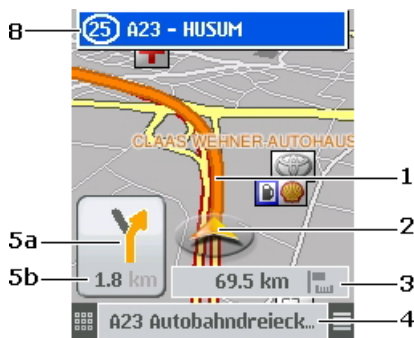
Information During Navigation

During navigation you are shown various pieces of information that are useful for the journey:
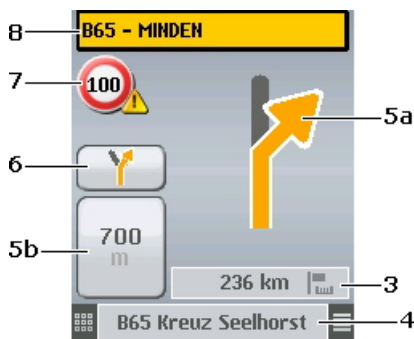
View 2D navigation map

View 3D navigation map

Schematic view

1   The route is indicated in orange.

2   A triangle in orange shows your current position on the map.

3   One of the following pieces of route information is shown in the information field:

   ▸   14:12   Estimated arrival time

   ▸   232 km   Remaining distance

   ▸   02:02   Estimated remaining driving time.

   Toggle between this information by using the [3] (**Route info**) key.

4   The street field shows the name of the section of street that you must drive on next.

5a   The arrow field shows schematically the next driving maneuver that is to be performed.

5b   The distance field shows you at what distance the driving maneuver shown above should be carried out.

When you are approaching the location where the next maneuver is to be carried out, the distance information changes to a point display.

The more yellow points showing, the closer you are to the crossroads.

If you do not have to turn for a while yet, an arrow points upwards stating a distance beneath it that indicates how far you must follow the street.

6   In the case of driving maneuvers that need to be carried out quickly in succession, the small arrow field will show the next but one maneuver.

7   Any applicable speed restriction is shown in the Speed limit area. The speed limit is shown in the unit of measure that is used to show speed in the country in which you are currently traveling.

This field can be hidden.

8   If you are to follow specific signposting, then this signposting is shown here.

 Caution! The display of speed limits and the warning in the event of exceeding speed depends on the settings that you have made in the settings window **SIGNS**. (refer to "Signs", page 48)

 Caution! The information in the map material could be incorrect on account of sudden changes (construction sites etc.)! The traffic situation and signs must be obeyed prior to following the instructions of the navigation system.

Route overview

The **ROUTE OVERVIEW** shows the entire route on the display. This way you can quickly get a rough overview of the whole route that lies before or behind you.

The route is shown in the color orange. The destination is marked by a small flag.

A triangle in orange shows your current position on the map.

View Route info

This view does not show a map. It clearly represents the various information in table form.

▸ **Speed:** The current speed

▸ **Distance:** The remaining distance until reaching the destination specified below

▸ **Duration:** Remaining driving time until reaching the destination specified below

▸ **Arrival:** Estimated arrival time at the destination specified below

▸ **Destination:** Address or name of the destination to which you are currently navigating.

5.5.1 GPS/current position

On the **GPS/CURRENT POSITION** window you will find an overview of the data that the navigation system has extracted or calculated from the received GPS signals.

The **GPS/CURRENT POSITION** window can only be displayed during navigation.

▸ Press the [9] key of the mobile telephone.
(Refer also to: "The Shortcuts of the Map in Navigation mode", page 36)

You will find the following information in the **GPS/CURRENT POSITION** window:

GMT: **Greenwich Mean Time**: The time in London. If you are in a different time zone, then this time does not correspond to your location.

Satellites: The number of GPS satellites that are receiving at present. To establish the current location you must be receiving signals from at least 3 satellites.

HDOP: A measure for the quality of the location detection. The smaller the value is the more precise is the location detection. Values up to 8 are acceptable for navigation.

Longitude, **Latitude**: The coordinates of the current location.

Altitude: Height above sea level. To calculate the altitude you must be receiving signals from at least 4 GPS satellites.

Speed: The current speed

Press **<Options>** and select

▸ **Send position**, in order to send data of your current location per SMS to someone else's mobile telephone upon which *Mobile Navigator* is also installed. In this way, e.g. he can start navigating immediately without having to enter the destination data himself.
Note: It costs money to send an SMS! Consult your mobile telephone provider for details on the costs of sending an SMS.

▸ **Save position**, in order to save the data of your current location in the **FAVOURITES** list.

6   Services

Services are useful additional functions, for example weather information, traffic messages and others.

There are services which can be used without charge, e.g. the weather service, and premium services which can be used in return for a paid subscription.

Note: Every service causes data traffic when used. Connecting to the Internet and downloading the data can incur costs. For details of the charges involved ask your mobile telecom provider.

Note: When activating and using services you may be requested to select an Internet access point. Which access point you must select depends on your mobile telecom provider. Please ask there for details.

6.1   Buy Services

Note: You can subscribe to premium services either by mobile phone or on our website www.navigon.com/mn7. How to subscribe to a service using your mobile phone is described in the following.

Note: If you do not yet have the full version of the navigation software, then you cannot subscribe to any premium services using your mobile phone. Premium services can be used only with the full version of the software. (Refer to "Acquiring the Full Version" on page 8).

1. Press the **<Options>** softkey and select **Activation** in the main window.

   A window opens showing all the maps which you have already activated.

2. Press the **<Options>** softkey and select **Buy Services**.

3. Press the **<Continue>** softkey.

The browser of the mobile phone will open.

4. Select the service you want to subscribe to.

5. Indicate the payment method.

6. Provide the required personal data.

7. Activate the **Continue** button.

Within a few seconds you will receive an activation SMS. Shortly afterwards, the service will be activated automatically.

An e-mail with the serial number will also be sent to the e-mail address which you quoted when placing the order.

If the automatic activation fails, proceed as described in the chapter "Activation of premium services and additional maps" on page 43.

6.1.1   Activation of premium services and additional maps

If the automatic activation fails, proceed as follows:

1. Press the **<Options>** softkey and select **Activation** in the main window.

   A window opens showing all the maps and services which you have already activated.

2. Press the **<Options>** softkey and select **Enter serial number**.

3. Enter the serial number which you received by SMS and/or by e-mail.

4. Press the **<OK>** softkey.

   A dialog box will inform you about the successful activation.

   The main window of the navigation software opens.

6.2   Weather info

The **Weather info** service is always available and does not require a subscription.

The **Weather info** service provides a 3-day weather overview for a selected location. The location you select must be included on the map.

1. Actuate the **Services** button in the main window.

2. Actuate the **Weather info** button.

   The **WEATHER INFO** window opens.

3. Enter the location for which you would like to receive a weather overview. You can also enter the postal code.

4. Press [OK].

The weather overview appears.

▸   Use the **<Back>** softkey to close the weather overview.

6.3   Traffic Information (TMC)

You can subscribe to the **Traffic** premium service. The navigation system then has access to the latest traffic messages. If necessary it can change your route dynamically, for example in order to avoid a traffic jam.

Note: The **Traffic** service is not available if GPS reception is not good enough for determining your position.

Traffic messages are called from a server via an Internet connection. During navigation the data is called every 10 minutes, otherwise on demand.

Note: Read the information concerning the costs of data traffic at the beginning of the chapter "Services" on page 42.

Displaying traffic information

Without navigation

If navigation is not in progress, you can view the traffic messages for a radius of approx. 40 km around your current position.

1. Actuate the **Services** button in the main window.
2. Actuate the **Traffic** button.

   The **TRAFFIC INFORMATION** window opens.

   For each traffic message in the list you are shown information about the location of the traffic obstruction and its type.

   Above the list the Traffic Information button indicates the type of traffic information listed and how many messages of this type there are in the list.

▸   Using [To the right] and [To the left] you can select which messages you want to have displayed.

▸   You can use the **<Back>** softkey to close the **TRAFFIC INFORMATION** window.

During navigation

During navigation you can all up the traffic messages for the next 50 km of your route. In addition you can view the traffic messages for a radius of approx. 40 km around your current position.

1. Press the [8] key on your mobile phone.

   The **TRAFFIC INFORMATION** window opens.

Above the list the Traffic Information button indicates the type of traffic information listed and how many messages of this type there are in the list.

▸ Using [To the right] and [To the left] you can select which messages you want to have displayed.

For each traffic message in the list you are shown information about the location of the traffic obstruction and its type.

▸ Using [Down] and [Up] select a message and press [OK] in order to have it displayed in detail.

The navigation system can **Detour** ( ) or **Ignore** ( ) congestion on the route. The button shows the active status.

▸ Select the button and press [OK] in order to select the alternative setting.

▸ You can use the **<Back>** softkey to close the **TRAFFIC INFORMATION** window.

Settings TMC

▸ In the **TRAFFIC INFORMATION** window press the **<Settings>** softkey.

In the **SETTINGS TMC** window you can configure for example whether and how the reception of a traffic message concerning your route should affect the navigation.

Avoid traffic jams

Select **Avoid traffic jams** and use [To the right] and [To the left] to define how new traffic messages concerning your route should be taken into account.

▸ **Off**: No data are called from the server. No detour routes are calculated. You are not informed about traffic obstructions.

▸ **Automatically**: An alternative route will be calculated automatically. The system will inform you on the recalculation.

▸ **Manually**: A window opens with information about the location and type of traffic obstruction. You can then decide whether an alternative route is to be calculated or not.

Message timeout

Select **Message timeout** and use [To the right] and [To the left] to define after how much time the window with information about a traffic obstruction should be closed again.

> **Note:** The **Message timeout** box is only effective (and can only be selected) when the value for **Avoid traffic jams** is set to **Manually**.

6.4   Services based on databases

Many services are based on databases. These are lists of POIs which are updated regularly. The POIs are shown on the map.

If you subscribe for example to the service "Radar Info", you will receive a visual and acoustic warning when you approach a permanently installed speed trap.

7   Configuring Mobile Navigator

7.1   Opening the Settings Window

The **SETTINGS** window is the starting point for all adaptations that you can use to set up *Mobile Navigator* in accordance with your personal requirements.

1. Open the **MAIN MENU** (refer to page 21).

2. Press **<Options>** and select **Settings**.

   The **SETTINGS** window opens. You can scroll through the list of settings using the navigation keys [Up] und [Down].

3. Press the button

   ▸ **General**, if you wish to change the map, the volume, the display lighting, the power saving mode, the language, the time format or the unit of measurement.

   ▸ **Navigation**, in order to set which route profile should take the basis of the route calculation.

   ▸ **Signs**, to set whether the direction information and speed limits should be displayed on the map.

   ▸ **Traffic**, in order to configure how new traffic messages concerning your route should be taken into account. (Refer to page 44)

   ▸ **GPS**, in order to select the Bluetooth-compatible GPS receiver with which your mobile telephone can be connected if required.

   ▸ **My address**, in order to enter or alter your home address.

   ▸ **Software version**, in order to display information about the version of *Mobile Navigator* you are using, about the hardware being used (your mobile telephone) and about the memory capacity.

4. Use the navigation keys [Up] or [Down] to select the setting that you wish to change.

5. Then press the [To the right] and [To the left] navigation keys in order to assign a different value to the selected setting.

6. Press the **<Back>** soft key in order to accept the values of the settings.

   The **SETTINGS** window opens again.

7.2 General

You can make the following settings in the **GENERAL** window:

Map: The map that is currently being used by the navigation system is displayed. If several navigation maps are available on the currently inserted memory card, then you can select a different map.

Volume: A scale shows the current volume of the driving instructions. The blacker points the louder the driving instruction.

Backlight: Specify when the mobile telephone display should be lit.

Power saving mode: Specify if the display should only be lit for driving instructions when the battery charge is low.

Language: Here you can select the language that you would like to have for the user interface of the software and the language instructions.

Time format: Specify in which time format the times and arrival times should be shown.

Large distances: Specify in which unit the distance information should be shown for distances as of one kilometer or one mile.

Small distances: Specify in which unit the distance information should be shown for distances under one kilometer or one mile.

Charges prompt: Specify if *Mobile Navigator* should notify you when performing a function that incurs costs, e.g. when sending the current position.

7.3 Navigation

Speed profile: Specify which driving profile should be used.

Type: Specify if the **Fast route** or **Short route** should be calculated.

Motorways, **Ferries**, **Toll roads**: Specify whether the respective traffic route should be used (**Permitted**) or not (**Avoid**).

7.4   Signs

Show signs: Specify whether information regarding the signposts that you should follow should be displayed during navigation.

Show speed warnings: Specify whether speed restrictions should be displayed always, only when exceeding speeds or never.

in built-up areas: Establish to which degree you wish to be acoustically warned of exceeding a speed limit within built-up areas. Select Never, if no acoustic warning should be given.

outside built-up areas: Establish to which degree you wish to be acoustically warned of exceeding a speed limit outside of built-up areas. Select Never, if no acoustic warning should be given.

7.5   Traffic

Avoid traffic jams: Specify how new messages affecting your route should be managed. (See "Avoid traffic jams", page 45)

Message timeout: Enter the time after which the window with information concerning a traffic obstruction should be closed again. Select Never if you want to close such windows yourself.

7.6   GPS

In the **GPS** window you can select a Bluetooth-capable GPS receiver that you can connect to your mobile telephone if required.

1.   Switch on the Bluetooth-capable GPS receiver.

2.   Press **<Options>** and select **Change**.

     Mobile Navigator starts searching for devices with which your mobile telephone can establish a Bluetooth connection, and displays all the devices found.

3.   Select the name of your GPS receiver.

4.   Press **<Select>** in order to use this GPS receiver.

Note: The connection with the GPS receiver is then created when GPS data is required for the first time.

7.7   My address

Here you specify the address to which navigation should start when you activate the **Take me home** button in the **MAIN MENU**. (Refer to chapter "Navigating Home", page 29)

If you haven't yet entered your address or if you wish to change this, then proceed as follows:

1.   Press **<Options>** and select **Define**.
2.   Enter the address as described in chapter "Specifying a Destination" on page 21.

7.8   Software version

In the **SOFTWARE VERSION** window you obtain information about the map data, the software version and the copyright is shown.

8 Glossary

GMT: GMT is the abbreviation for **G**reenwich **M**ean **T**ime.
GMT is the solar time established on the prime meridian. Theoretically, at 12:00 GMT the sun traverses the meridian and, in doing so, is at its highest point in the sky. GMW has been the official world time since 1972. As the earth doesn't rotate evenly, it has since now been replaced with UTC (**U**niversal **T**ime **C**oordinated) measured with atomic clocks.

GPS: GPS is the abbreviation for **G**lobal **P**ositioning **S**ystem.
With the aid of satellites, GPS establishes your current geographical position. It is based on a total of 24 satellites that circle the earth and, in doing so, transmit signals. The GPS receiver receives these signals and uses the differences in the duration of the signals to calculate the distance to the individual satellites, and hence its current position in the geographical longitude and latitude. You must have signals from at least three satellites in order to establish the position, and you can establish altitude if four satellites are being received. The positioning is accurate up to 3 meters.

HDOP: HDOP is the abbreviation for **H**orizontal **D**ilution **o**f **P**recision.
HDOP specifies the quality of the positioning. Theoretically speaking, values from 0 to 50 are possible, whereby: the smaller the value, the more precise the positioning (value 0 = no deviation from the current position). Values up to 8 are acceptable for navigation.

POI: POI is the abbreviation for **P**oint **o**f **I**nterest. Points of interest are included in the map and are shown there. Included as points of interest are airports and harbors, restaurants, hotels, gas stations and public facilities. You can use points of interest as navigation destinations.

9 Transliteration

Bulgaria (BUX)		Macedonia (MAX)		Serbia (SCX)		Ukraine (UKX)		Belarus (BEX)	
Cyrl.	Lat.	Cyrl.	Lat.	Cyrl.	Lat.	Cyrl.	Lat.	Cyrl.	Lat.
А	A	А	A	А	A	А	A	А	A
Б	B	Б	B	Б	B	Б	B	Б	B
В	V	В	V	В	V	В	V	В	V
Г	G	Г	G	Г	G	Г	H	Г	H
Д	D	Д	D	Д	D	Ґ	G	Д	D
Е	E	Ѓ	GJ	Ђ	DJ	Д	D	Е	YE
Ж	ZH	Е	E	Е	E	Е	E	Ё	YO
З	Z	Ж	ZH	Ж	ZH	Є	YE	Ж	ZH
И	I	З	Z	З	Z	Ж	ZH	З	Z
Й	Y	Ѕ	DZ	И	I	З	Z	І	I
К	K	И	I	Ј	J	И	Y	Й	Y
Л	L	Ј	J	К	K	І	I	К	K
М	M	К	K	Л	L	Ї	YI	Л	L
Н	N	Л	L	Љ	LJ	Й	Y	М	M
О	O	Љ	LJ	М	M	К	K	Н	N
П	P	М	M	Н	N	Л	L	О	O
Р	R	Н	N	Њ	NJ	М	M	П	P
С	S	Њ	NJ	О	O	Н	N	Р	R
Т	T	О	O	П	P	О	O	С	S
У	U	П	P	Р	R	П	P	Т	T
Ф	F	Р	R	С	S	Р	R	У	U
Х	H	С	S	Т	T	С	S	Ў	W
Ц	TS	Т	T	Ћ	CH	Т	T	Ф	F
Ч	CH	Ќ	KJ	У	U	У	U	Х	KH
Ш	SH	У	U	Ф	F	Ф	F	Ц	TS
Щ	SHT	Ф	F	Х	H	Х	KH	Ч	CH
Ъ	A	Х	H	Ц	C	Ц	TS	Ш	SH
Ь	Y	Ц	C	Ч	CH	Ч	CH	Ы	Y
Ю	YU	Ч	CH	Џ	DZH	Ш	SH	Ь	'
Я	YA	Џ	DZH	Ш	SH	Щ	SCH	Э	E
		Ш	SH			Ю	YU	Ю	YU
						Я	YA	Я	YA
						Ь	'		
						'	'		

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